

# PATENT ABSTRACTS OF JAPAN

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## (54) ELECTRONIC EQUIPMENT WITH BATTERY RESIDUAL CAPACITY DISPLAY FUNCTION, AND METHOD OF DISPLAYING BATTERY RESIDUAL CAPACITY

(57)Abstract:

PROBLEM TO BE SOLVED: To display a usable residual time with high precision by receiving the residual capacity information, charge and discharge current detection information, and voltage detection information from a battery pack, and calculating and displaying the battery residual capacity on the basis of each information.

SOLUTION: A battery pack 1 for outputting battery residual capacity information, charge and discharge current detection information and battery cell voltage detection information is installed to a video camera 60. The communication circuit 65 of a microcomputer 63 receives each information from the pack 1, and a calculating circuit 66 calculates the present battery residual capacity on the basis of each information received by the circuit 65. A display control circuit 67 generates a display signal according to the calculation result. A display device 64 displays the battery residual capacity according to this display signal. This structure is conformable to the kind of battery cell and a battery cell in the future, the usable residual time can be known, and the precision of display can be also enhanced.

